

Application No.: 10/779,987
Attorney Docket: NORTH-501A

IN THE CLAIMS:

1-32. (Cancelled)

33. (Currently Amended) An insulated cryo-pack, comprising:

an inner container containing at least one material therein;

an outer container for containing the inner container therein;

a plurality of closed-cell foam panels disposed in abutting contact with an interior surface of the outer container;

at least one spacer disposed around the inner container to immobilize the inner container, so as to form a cavity between the inner container and the foam panels; and

a barrier bag disposed in abutting contact with an interior surface of the foam panels and enveloping the spacer and inner container, the cavity being filled with a plurality of dry ice pellets surrounding the inner container.

34. (Cancelled)

35. (Original) The cryo-pack of claim 33, wherein the inner and outer containers are made of corrugated fiberboard.

36. (Original) The cryo-pack of claim 33, wherein the spacer has a thickness of about 2 inches.

37. (Original) The cryo-pack of claim 33, wherein the foam panels have a thickness of about 2 inches.

38. (Cancelled)

39. (Original) The cryo-pack of claim 33, wherein the barrier bag is filled with dry ice pellets at a thickness of about 2 inches.

40. (Previously Presented) The cryo-pack of claim 33, further comprising:

a plurality of internal containers for individually packing materials therewithin;

the inner container being configured to have the internal containers disposed therewithin.
41. (Previously Presented) The cryo-pack of claim 33, further comprising a cellulosic cushion disposed in the inner container for holding the internal containers.
42. (Previously Presented) The cryo-pack of claim 33, further comprising a plurality of lids disposed on the internal containers.
43. (Previously Presented) The cryo-pack of claim 33, further comprising a plurality of holding pads disposed under the internal containers in the inner containers.
44. (Previously Presented) The cryo-pack of claim 43, wherein each holding pad comprises a recessed portion conformal to a periphery of a bottom surface of the internal container held thereby.
45. (Previously Presented) The cryo-pack of claim 43, further comprising a plurality of upper holding pads disposed on the internal containers in the inner containers.
46. (Currently Amended) An insulated cryo-pack, comprising:

an inner container containing at least one material therein;

an outer container for containing the inner container therein;

a plurality of closed-cell foam panels disposed in abutting contact with an interior surface of the outer container;

a barrier bag disposed in abutting contact with an interior surface of the foam panels and having an open top and being filled with a plurality of dry ice pellets surrounding the inner container; and

a zip lock adapted to close the open top of the barrier bag.

47. (Previously Presented) The cryo-pack of claim 46, further comprising a lid placed on the barrier bag over the inner container.

48. (Previously Presented) The cryo-pack of claim 46, wherein the inner and outer containers are made of corrugated fiberboard.

49. (Previously Presented) The cryo-pack of claim 46, wherein the open top of the barrier bag is folded over the inner container.

50. (Previously Presented) The cryo-pack of claim 46, wherein the inner and outer container are sealed by tape.

51. (Previously Presented) The cryo-pack of claim 50, wherein the tape is filament reinforced tape.

52. (Previously Presented) The cryo-pack of claim 46, wherein seams between the adjacent foam panels are sealed by tapes.

53. (Previously Presented) The cryo-pack of claim 46, wherein the barrier bag includes a plurality of vent holes.